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ABSTRACT

Recognizing the importance of geography instruction, this packet was designed to provide sources of materials and information to aid the classroom teacher in preparing geography lessons. Global geography and map skills are emphasized. Materials included in the listings are: (1) professional organizations; (2) journals and newletters; (3) ERIC documents; (4) textbooks; (5) atlases; (6) computer software; (7) audio visual materials; and (8) teacher resources. (SM)

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Resources in Geography

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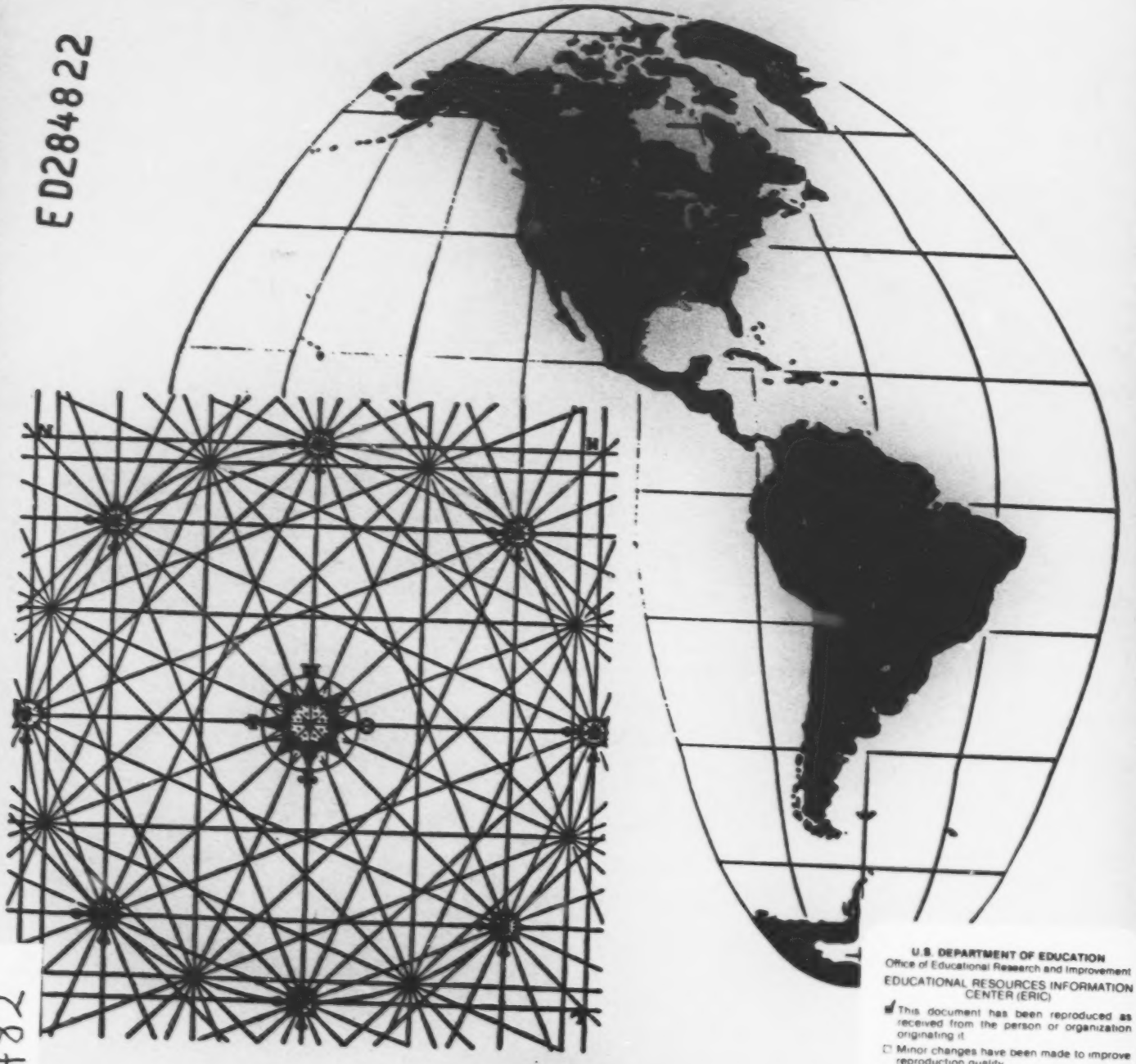

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ERIC resource packets, designed to help social studies/social science educators, are compiled as a service of the ERIC Clearinghouse for Social Studies/Social Science Education (ERIC/ChESS).

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ERIC, the Educational Resource Information Center, is a nationwide network of 16 clearinghouses under sponsorship of the U.S. Department of Education. We at ERIC/ChESS are the national clearinghouse in our subject field -- social studies/social science education -- and as such, are responsible for acquiring relevant educational materials, and desseminating this information to the public. We provide ready access to the 21-year old ERIC educational database through our computer retrieval system. We also (1) answer questions about social studies/science education; (2) run customized computer searches; and (3) develop inexpensive materials, such as this resource packet, which reflect major trends in social studies/social science education. New topics are added continually.

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HOW CAN A RESOURCE PACKET HELP SOCIAL STUDIES EDUCATORS?

The purposes of this resource packet are many. It can

--- **SAVE YOU TIME** when you need to plan a new unit. We know how busy teachers are!

--- **PROVIDE NEEDED BACKGROUND INFORMATION** on topics of current interest pertaining to social studies/social science education.

--- **ENRICH YOUR CURRENT TEACHING** on particular topics. Each resource packet contains a sampling of current materials and resources representing various educational strategies from a diversity of developers and publishers.

HOW SHOULD THIS RESOURCE PACKET BE USED?

A resource packet is only the first step to acquiring the information you need for this particular topic. You will need to follow up each section with the appropriate steps, such as viewing or ordering the ERIC (RIE/CIJE) documents; contacting the listed organizations; or ordering or previewing the suggested textbocks or supplementary materials.

CAN WE HELP YOU?

We at ERIC/ChESS hope that the resources included here will assist you in your teaching. We welcome your interest and hope that ERIC/ChESS can assist you further in the future.

FROM ERIC/ChESS TO YOU

This resource packet is provided as a service of ERIC/ChESS. It lists a sampling of current materials and resources designed to help the classroom teacher with **TEACHING ABOUT GEOGRAPHY**, with emphasis on Global Geography and map skills.

PROFESSIONAL ORGANIZATIONS

American Geographical Society
156 Fifth Avenue
Room 600
New York, NY 10010

Association of American Geographers
1710 16th Street, N.W.
Washington, D.C. 20009

National Geographic Society
17th and M Streets, N.W.
Washington, D.C. 20036

National Council for Geographic Education
Western Illinois University
Macomb, IL 61455

Conference of Latin Americanist Geographers
Executive Secretary
Ball State University
Muncie, IN 47306

Commission of Geographical Education
International Geographical Union
Department of Geography
Western Michigan University
Kalamazoo, MI 49008

JOURNALS AND NEWSLETTERS

Geography Education Update
National Geographic Society
Educational Media Division
Washington, D.C. 20036

Geographic Education National Implementation Project Newsletter
1710 16th Street, N.W.
Washington, D.C. 20009

U.S. Bureau of the Census School Project
Census Curriculum Support Project
User Training Branch
Data User Services Division
Bureau of the Census
Department of Commerce
Washington, D.C. 20233

Commission of Geographical Education Newsletter
International Geographical Union
Western Michigan University
Department of Geography
Kalamazoo, MI 49008

Journal of Geography
Department of Geography
University of Wisconsin/Eau Clare
Eau Clare, WI 54701

National Council for Geographic Education
17th and M. Streets, N.W.
Washington, D.C. 20036

Journal of Geography in Higher Education
Oxford Polytechnic
Oxford, Oxon
England, U.K.

WHAT'S AVAILABLE FORM ERIC?

Current documents in social studies and social science education are abstracted, indexed, and announced in RESOURCES IN EDUCATION (RIE). All documents must be ordered form the ERIC Document Reproduction Services, 3900 Wheeler Avenue, Arlington, VA 22304-5110 unless otherwise noted. Both microfiche (MF) and paper copy (PC) price codes are listed. Master Card and Visa are also now accepted. EDRS now provides a toll free number (1-800-227-3742) for customer service and phone orders. When ordering, be sure to list the ED number, specify either MF or PC, and enclose a check or money order. Return postage must be included. See the enclosed EDRS order form from RIE for prices and postal rates.

To do further searching of ERIC:

1. Use the enclosed listing of ERIC collections in your state to locate the ERIC collections closest to you.

2. Do or request a search using the following descriptors: Geography Instruction, Environmental Education, World Geography, Demography, Elementary-Secondary Education, Map Skills, Geographic Concept, Physical Geography, Instructional Materials.

DOCUMENTS IN THE ERIC SYSTEM ON TEACHING ABOUT GEOGRAPHY

ED 258 893 **Our Common Home: Earth. A Curriculum Strategy to Affect Student Skills Development and Exposure to Diverse Global Natural/Social Environments. Spatial Relationships.** Richard Peters, Global Horizons. 1985. 32 pp. MF-$0.78/PC-$3.70 plus postage. Designed to be infused with existing social studies courses and programs of instruction. This concept-based, skill-oriented curriculum for teachers of students in grades 5-12 provides opportunities for students to develop basic map skills enabling them to mentally develop special relationships between diverse global environments and/or culture groups. Following an introduction, the author emphasizes the importance of combining geographic education, ecological studies, and a sociological perspective in enhancing a students's global awareness. A series of charts showing concept to be taught, topic essential student outcomes, performance indicators, and content are included, and these are accompanied by charts listing specific activities, print and nonprint materials, enrichment activities, and suggestions for evaluation. A rationale statement concludes the curriculum.

ED 257 722 **Mini-Course in Demography: World Explorations.** Janna Kosinsky. 1985. 5 pp. MF-$0.78/PC-$1.85 plus postage. Addressing the need for world geography classes to consider demography and other cultures, this paper presents a teaching unit to be included in seventh grade world geography courses. The primary focus of this unit is an individual project in which each student chooses a country and uses basic geographical skills and knowledge to analyze the relationship between that nation's people and their environment. The culminating activities of the unit are sessions in which students present their knowledge to the entire class. Before students begin their projects basic information about demography is presented and possible sequence is suggested that covers population increase and its impact on technology, decision-making about fertility, and time allocated to work and leisure. A day-by-day schedule

for topics is given as well as suggestions for helping students with their projects and for evaluating students.

ED 255 416 **Map and Globe Skills: K-8 Teaching Guide. Topics in Geography, No. 7.** Barbara J. Winston. NATIONAL COUNCIL FOR GEOGRAPHIC EDUCATION. MF-$0.78. PC available from National Council for Geographic Education, Western Illinois University, Macomb, IL 61455. Price: $5.00. This publication is intended for those who wish to design or evaluate a map and globe skills program across several grade levels. The introduction discusses general considerations underlying effective map and globe skills considerations grade-by-grade outline of a map and globe skills program provides recommendations for the following categories: using symbols, finding location, orienting and using directions, using scale and finding distance, and selecting media. For each category, learning suggestions are made for developing supportive concepts and skills. The guide concludes with a five-page reference list.

ED 253 473 **Building Sequential Geography Skills, K-12.** Washington Office of the State Superintendent of Public Instruction, Olympia. 1984. 40 pp. MF-$0.78/PC-$3.70 plus postage. Geography skills for elementary and secondary grades are outlined in this teacher's guide. The teaching and learning of geography skills is a developmental process. Once introduced and understood, skills must be used repeatedly and in different situations if they are to become part of the students' equipment for learning. A planned program for skill building and learning is needed to help students transfer these skills into customary behavior in our modern society. The map skills outlined focus on direction, scale, location, symbols, and comparison and inference. Skills are outlined for individual grades at the elementary level and as a whole at the secondary level.

ED 252 453 **Guidelines for Geographic Education. Elementary and Secondary Schools.** Association of American Geographers, 1984. 33 pp. MF-$0.78. PC available from The Association of American Geographers. 1710 Sixteenth Street, N.W., Washington, D.C. 20009 or the National Council for Geographic Education, Western Illinois University, Macomb, IL 61455. Price: $3.00. Intended as a current statement for improving geographic education, these guidelines suggest major changes needed to counteract a prevailing illiteracy in geography among U.S. citizens. A preface and problem statement provide a rationale for including geography education as a subject of study in the schools and as a scientific mode of inquiry. A section on the content and process of geographic education demonstrates how geographic education focuses on five central themes (location, place, relationships within places, movement, and regions). The following section deals with the value of geographic inquiry, geography's relationship to other subjects, and geography as preparation for a career. In the next section, a chart depicting the role and sequence of geography education in the elementary school presents central foci and suggested learning outcomes by grade level. A suggested pattern of course offerings and sequence for geographic education in the secondary school is followed by an outline of skills to be included in high school geography courses and a list of learning outcomes arranged according to the five basic themes identified earlier in the guidelines.

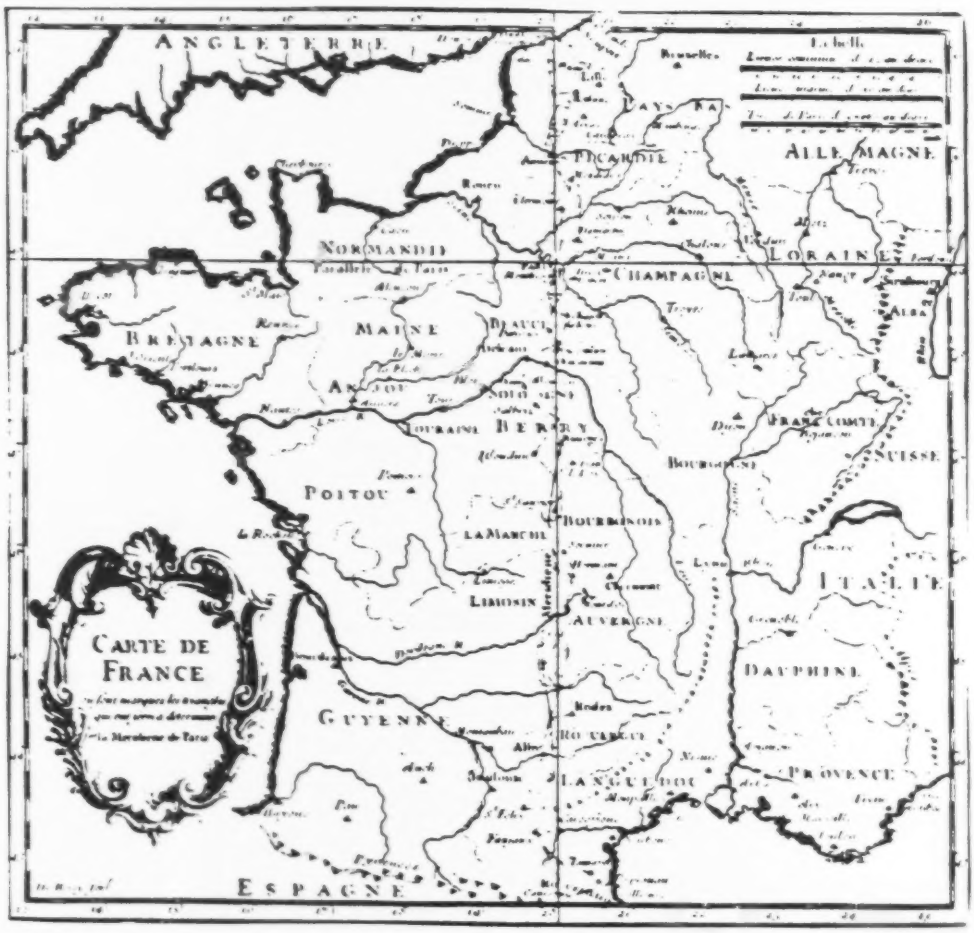
ED 248 181 **New Perspectives on Geographic Education: Putting Theory into Practice. NCGE Pacesetters in Geography, No. 3.** Gary A. Manson, Editor 1977. 218 pp. MF-$0.78. PC available from Kendell/Hunt Publishing Company, 2450 Kerper Boulevard, Dubuque, IA 52001. Price: $8.95. Intended for K-12

geography teachers, this publication discusses course content and teaching methods for geography instruction. There are ten chapters. The first chapter discusses three educational philosophies which contend that the goals of education are to know, to do , and to be. Chapter 2 examines the nature of geography, discussing four traditions: environmental, spatial, regional, and experiential. The third chapter presents a framework for helping teachers make curriculum decisions. Chapter 4 provides guidelines for multidisciplinary and interdisciplinary social studies programs and gives practical examples, including case studies and learning activities, of ways in which geography could be integrated with the social studies curriculum. The fifth chapter explores ways to bring physical geography--the geography of naturally occurring phenomena such as climate and land forms--into today's geographic curriculum. Chapters 6-9 discuss teaching geography through inquiry, exposition, value strategies, and field and archival methods. Practical examples of each teaching method are provided. Objectives of geographic education in the elementary school are treated in the concluding chapter.

ED 247 208 **Geography Teaching: New Unesco Source Book.** Norman J. Graves, Editor 1982. 394 pp. Document available from UNIPUB, P.O. Box 1222, Ann Arbor, MI 48106. Price: $13.50. Designed for elementary and secondary teachers around the world, this book presents a variety of strategies, objectives, and content for teaching geography. The first of 10 chapters takes a critical look at some of the recent changes in geography and education. Chapter 2 examines learning problems in light of research by Piaget and Bruner. Chapter 3 outlines several teaching strategies and gives examples of the ways in which they have been applied in France and North America. Chapter 4 examines the use of problem solving in geography. In chapters 5 and 6, the application of the scientific method to solutions of geography problems is explored. Chapter 7 examines the use of topographical and other maps and photographs in documentation. Chapter 8 considers how resources for geography teaching can be organized. Chapter 9 is an attempt to shed light on the problems involved in curriculum planning and construction. The final chapter looks at problems of evaluating geography education, including curriculum evaluations and evaluation of student learning. Notes on how to use this book, a glossary and a bibliography are included.

ED 245 992 **Food for Thought: a Population Simulation Kit. Revised.** Carol C. Fletcher. 1980. 77 pp. Price: MF-$0.78/PC-$7.40 plus postage. Charts and graphs my not reproduce clearly. Available from: Population Reference Bureau, 2213 M. Street N.W., Washington, D.C. 20037. Price: $4.00 plus $1.00 shipping and handling. Designed to foster an understanding of some of the relationships among population growth and distribution of people, food, and land area, this simulation kit deals with the following concepts: (1) the finite nature of land and resources, (2) the size and rate of growth of population, (3) the unequal distribution of population throughout the world, and (4) the distribution and consumption of world food supplies. Section 1, "Simulation," contains three main parts: "World Population Growth," "Distribution of World Population and Agricultural Land," and "Distribution of World Food." Section 2, "Resource Materials," provides the necessary geographic and population information for all activities. Contents include a glossary. Regional population and geographic information sheets, a script for the combined version of the simulation, world and U.S. population charts and fact sheets, and world population data sheets.

ED 240 004 **Activities Using "The State of the World Atlas." Grades 7-12. International Understanding Series.** Heidi Hursh and Michael Prevedel. 1983. 202 pp. MF-$0.78 plus postage. PC available from: CTIR Publications. University of Denver, Denver, CO 80208. Price: $12.95. Secondary school teachers in a variety of disciplines will find the teaching activities in this handbook useful in integrating the "State of the World Atlas" into their curricula. Following an activity which introduces students to the atlas, content is divided into three sections focusing on area studies, issues, and research skills. Nine activities in the section on area studies examine geopolitical and cultural groups of nations as well as stereotypes, similarities and differences, and interrelationships among nations. Students consider global issues such as human rights, the wealth of nations, refugees, separatists movements, and the arms race in the section on issues. The section on research contains three activities for applying research skills to be atlas and a list of supplementary activities. Student handouts to accompany activities are provided in a separate section at the end of the book.



JOURNAL ARTICLES

Annotations of articles from journals covered in the ERIC system follow. all annotations appear in Current Index to Journals in Education (CIJE), which is published on a monthly basis and is available at libraries throughout the country. Journal annotations are intended to describe the contents of articles in general terms and the reader is urged to locate the full article in a library. If noted, reprints of articles are available from University Microfilms International (UMI), P.O. Box 1764, Ann Arbor, MI 48107.

EJ 321 691 **"Teaching Map Skills: An Inductive Approach. Part Four,"** Jeremy Anderson. JOURNAL OF GEOGRAPHY 84:4 (July-August 1985): 169-76. Satisfactory completion of this self-contained map exercise will demonstrate student ability to use symbols, legends, scale, orientation, index, and grid in map reading and map use to give directions for way-finding. The exercise should take one class period to complete.

EJ 319 069 **"Teaching Map Skills: An Inductive Approach. Part Three,"** Jeremy Anderson. JOURNAL OF GEOGRAPHY 84:3 (May-June 1985): 117-22. These learning activities involve secondary geography students in making a turf map, using map grids, solving problems dealing with map scale, and making a map scale. Complete teacher instructions are provided.

EJ 315 980 **"Teaching Map Skills: An Inductive Approach--Part Two,"** Jeremy Anderson. JOURNAL OF GEOGRAPHY 84:2 (March-April 1985): 72-78. Four map skill lessons for use with intermediate grade students are presented. They deal with map evaluation, orientation, making a photomap, and making a community resource map.

EJ 315 979 **"Ten Suggestions and One Commandment: Using Overhead Projectors in Geography Classrooms,"** Philip J. Gersmehl. JOURNAL OF GEOGRAPHY 84:2 (March-April 1985): 68-71. Suggestions for effective use of overhead projectors include making images large, preparing standard base maps, making lettering clear, presenting only one idea per overhead, keeping things simple, using only half a page for each image, using the overhead as a chalkboard, using color thoughtfully, making symbols bold, and anticipating emergencies.

EJ 312 763 **"Teaching Map Skills: An Inductive Approach. Part One,"** Jeremy Anderson. JOURNAL OF GEOGRAPHY 84:1 (January-February 1985): 25-32. A two-week map skills unit for fourth and fifth graders is presented. Students learn about the nature of maps, map conventions that cartographers employ to aid map readers in using maps, and map symbols and orientation. They then apply knowledge and skills learned and make their own maps.

EJ 310 704 **"Helping Elementary and Secondary Students to Discover Three Functions that Maps Can Serve,"** Val Arnsdorf. SOCIAL EDUCAT[illegible]9:1 (January 1985): 44-45. Discusses ways in which K-12 social studies teache[illegible] can teach students to discover three functions that maps can serve: presenting information, recording data, and functioning as a basis for quantitative analysis.

EJ 310 702 **"Building Higher-Level Geographic Skills with Topographic Maps,"** Raymond H. Mussig. SOCIAL EDUCATION 49:1 (January 1985): 34-37. A step-by-step strategy for teaching secondary geography students about the concept of elevation using topographic maps is described. Students view slides of everyday examples of variations in elevation, produce a simple contour map using a layered model of a mountain and analyze topographic maps of their own and other areas.

EJ 310 701 **"Teaching Map Skills: Theory, Research, Practice,"** Jack W. Miller. SOCIAL EDUCATION 49:1 (January 1985): 30-33. U.S. students are poorly prepared regarding map skills and the general field of geography. Research suggests that significant improvement can and should be made in map and globe teaching programs. Sources that describe what to cover at different age and grade levels and that recommend teaching ideas are discussed.

EJ 309 204 **"The International Pencil: Elementary Level Unit on Global Interdependence,"** Lawrence C. Wolkin. JOURNAL OF GEOGRAPHY 83:6 (November-December 1984): 290-93. The production of an American pencil is the result of complex interactions involving many people, places, and resources. Learning activities dealing with the making of a pencil that will help students learn about global interdependence are described. The activities can be adapted to fit any elementary grade level.

EJ 309 188 **"Kisan--The Game of Farming in India,"** Dorothy Janca. SOCIAL STUDIES REVIEW 24:1 (Fall 1984): 26-35. Describes a simulation game, "Kisan--The Game of Farming in India," that can be used to teach high school students about the rural environment of India.

EJ 309 187 **"Teaching Geography--The Global Perspective,"** Christione M. Creighton. SOCIAL STUDIES REVIEW 24:1 (Fall 1984): 19-25. Six geography lessons which teach a global perspective to fifth graders are discussed. The lessons include examining maps made in countries other than the United States, brainstorming about another culture, taking an imaginary trip over a region just studied, participating in a simulation, and researching the making of a pencil.

Commercial materials appropriate for students and teachers follow. Supplementary materials, audiovisual materials, simulations, computer software, and teacher resources are included. Information for ordering materials--including the price at the time of publication--is provided in each annotation. Please write directly to the publisher for additional information and current price.

TEXTBOOKS

NOTE: The following listing of textbook materials does not include elementary texts because virtually all the commercially available elementary textbook series include geographic objectives in their multidisciplinary approach. Some programs do place significantly greater emphasis on geography and map and globe skills than others, but so many other factors affect selection of texts at the elementary level that it was decided not to list elementary programs here.

A World View, by Clyde P. Patton, Arlene C. Rengert, Robert N. Saveland, Kenneth S. Cooper, and Patricia T. Caro. 1985. 532 pp. Grade 7-9. Silver Burdett, 4343 Equity Drive, P.O. Box 2649, Columbus, Ohio 43216. Prices: $18.15, text; $22.00, teacher's annotated edition; $39.00, Student workbook; $3.24, teacher's workbook; $5.05, teacher resource package; $39.00, (including planning guide, blackline masters, chapter tests).

A junior high school component of the "World and Its People" series, A WORLD VIEW presents a traditional approach to world geography. The text consists of 10 units and 27 chapters. Units follow a fairly standard progression, opening with a unit reviewing map and globe skills and continuing to units on the major geographic regions. A final unit places human geography in a global perspective. The text and support materials feature a heavy emphasis on geography skills development.

Exploring a Changing World. A Revised Edition, by Melvin Schwartz and John R. O'Connor. 1984. 626 pp. Grades 7-9. Globe Book Company, Inc., 50 West 23rd Street, New York, NY 10010. Prices: $19.19 per text; (10 or more texts; $15.99), $8.00, paperback teacher's manual; $2.50, student workbook; work book answer key is free on request; $15.00, blackline test masters.

EXPLORING A CHANGING WORLD is a junior high school program designed to give students an understanding of world geography and culture. In separate sections on the major cultural-geographic regions of the world, students are introduced to basic geographic features and concepts; the interrelationship between geography, society, and economics; and the cultural characteristics of world regions. The program consists of a student text, a student workbook, a teacher's manual, workbook answer key, and blackline master unit tests.

Global Geography, by Alan Backler and Robert Hanvey. 1986. 386 pp. Grade 6-9. Teachers College Press, 1234 Amsterdam Avenue, New York, NY 10027. Prices: $15.95, text; $6.95 teacher's manual.

Emphasizing a "global perspective," GLOBAL GEOGRAPHY offers a fresh approach to the teaching of geography to junior high/middle school students. The new and innovative format of this book, filled with cartoons and stories, is designed to encourage students to discover the interconnection of worldwide events and processes. The text contains a variety of narrations, written case studies, and a wealth of activities, questions, skill-building exercises, maps, and illustrations.

The instructional material is divided into five units focusing on major global themes: People, Human Needs, Resources, Connections, and Change. Each theme in a unit is explored in chapters which introduce the major relevant concepts and issues.

Geography, by Arthur Getis and Judith M. Getis. 1985. 516 pp. Grade 7-10. Houghton Mifflin, One Beacon Street, Boston, MA 02108. Prices: $18.00, text; $21.06, teacher's annotated edition; $18.00, resource book; $4.86, map practice book; $4.59, activity book; $5.04, teacher's edition of activity book.

GEOGRAPHY is designed for use in a two-semester geography course for students in Grades 7-10. The text, well illustrated with many colorful maps and photographs, will help students learn about major world regions and introduce them to such important geographic themes as population distribution, transportation and communication, development of nations, utilization of resources, impact of people on the environment, conflict, and cooperation. Reading skills, map skills, and skills used in processing information are emphasized throughout the text. Students are expected to read and discuss the textbook and to participate in learning activities. In addition to the student textbook, the program consists of a student activity book, tests, a teacher's edition of the text, a student resource book, and a map practice book.

World Geography, by Alan Backler and Stuart Lazarus. Revised 1986. 596 pp. Grade 9-12. McDougal, Littel, and Company, P.O. Box 1667, Evanston, Illinois 60204. Price: $22.17.

WORLD GEOGRAPHY is divided into five units: Where in the World; Humans and Their Habitat; Interdependence; Migration and the Spread of Ideas; and Locating Human Activities. Each unit focuses upon major organizing themes in geography. Those organizing themes, together with the related concepts and skills are systematically introduced. The book is designed to enable students to move from describing where things are, to explaining why things are located where they are.

World Geography: People and Places, by Francis P. Hunkins and David G. Armstrong. 1984. 596 pp. Grade 7-10. Charles E. Merrill Publishing Co., 1300 Alum Creek Drive, P.O. Box 508, Columbus, Ohio 43216-0508. Prices: $15.75, student text; $18.30, teacher's annotated edition; activity book, evaluation program, and reproducible masters also included.

WORLD GEOGRAPHY: PEOPLE AND PLACES is a geography text suited for a yearlong course. The book is divided into ten units; some units deal with basic

geographic concepts and others with areas of the world. Goals and objectives, as well as assistance in using the text, are provided in a teacher's guide, which is included in an annotated teacher's edition. The book features numerous photographs, maps, and special features. It provides a brief general overview of a great many topics; some teachers may wish to supplement the text with additional explanation and elaboration.

World Geography Today, by David M. Helgren, Robert J. Sager, and Saul Israel. 1985 (revised edition). 550 pp. Grade 7-12. Holt, Rinehart and Winston, Inc., 383 Madison, New York, NY 10017. Prices: $25.04, student text; $34.52, teacher's annotated edition; $48.00 teacher's resource book; $99.00 1 copy; $79.30, 10 or more copies; $85.80, 2-9 copies study disc (Apple IIe/II+/IIC).

WORLD GEOGRAPHY TODAY can be used best in a yearlong secondary level world geography course. Major units of the text focus on physical and cultural geography, eight world regions, and use of the world's resources. The authors' stated goal is to take an interdisciplinary approach to geography--an approach that "relates physical geography to the economic, political, social, historical, and cultural aspects of human activity." To meet that goal, WORLD GEOGRAPHY TODAY has been designed to (1) present students with basic knowledge about the world's geographic regions; (2) introduce students to important geographic, economic, and political concepts; and (3) relate knowledge and concepts to events in the rapidly changing global environment.

SUPPLEMENTARY MATERIALS: (Materials for Teacher Use with Students)
Africa Today: An Atlas of Reproducible Pages and **Europe Today: An Atlas of Reproducible Pages.** 1985. Grades 7-12. World Eagle, 64 Washburn Avenue, Wellesley, MA 02181. Price: $23.50 plus $1.50 postage and handling; $24.50 plus $1.50 postage and handling, 3-hole drilled; $35.95 plus $2.50 postage and handling, hardbound.

Africa Today and Europe Today are a collection of black-and-white maps and graphs primarily based upon CIA and U.S. Department of State public-domain publications. They provide information on a wide range of topics for their areas. Included are maps of each individual country as well as information about population, demographics, resources, climate, trade, energy, food and agriculture, religion, education, employment, language, political organization and ideology, and a variety of other factors. The maps and statistical data are designed to be duplicated and could provide a useful basis for students to make comparisons among countries and world regions.

Latin America Today. An Atlas of reproducible pages. 1986. Grades 7-12. World Eagle, 64 Washburn Avenue, Wellesley, MA 02181. Price: $24.50 plus $1.75 shipping and handling, softbound; 3-hole drilled, $25.50 plus $1.50 postage and handling, 3-hole drilled; $36.95 plus $2.50 postage and handling, hardbound.

Follows the same format as Africa and Europe Today.

Annual Editions. 1985. Grade: 11-16. Dushkin Publishing Group, Inc., Sluice Dock, Guilford, Connecticut 06437. Price: $8.95, student text; $1.00, teacher's guide for American History.

Each volume of Annual Editions is a collection of recent articles focused upon a single topic. For example, the 1985/86 Global Issues Annual examines

contemporary world issues including population, natural resources development, conflict, and human values. Within each topic authors present persuasive articles representing a range of views. "Annual Editions" for 1985/86 include Global Issues, Macroeconomics, Economics, Environment, and a two-volume set, American History.

Because of the scholarly nature of the articles and the college-level reading demands, these materials would be most appropriate for students in advanced placement college-preparatory courses or college-level classes.

Goode's Atlas Place Location Study Guide. 1986. Grades Secondary-College. Rand McNally, P.O. Box 7600, Chicago, Illinois 60600. Price: $3.96, student study guide; $7.92 teacher's guide.

Goode's place location study guide is designed to help students learn the locations of significant natural and cultural features of the earth. Using the Study Guide, the students follow a structure of outline map and atlas application exercises to locate: continents, oceans, mountains ranges, seas, lakes, river, countries, states, cities, environmental conditions and the character, both physical and human, of places. The exercises are structured with short, frequent progress checks. The evaluation procedure provides a means to monitor student progress.

Hands-On Geography. 1983-84. Grade 3-7. Nystrom, 3333 Elston Avenue, Chicago, Illinois 60618. Price: $279.00 per unit, 30 laminated 17 inch x 22 inch two-sided maps, activity copy masters, teacher's guide, marking crayons.

A series of hands-on learning activity programs that develop basic competencies in the core social studies areas of geography, history, and economics. Individual units are U.S.A., World, Europe, Asia, Africa, North America, and South America.

The New State of the World Atlas, and **Activities Using the New State of the World Atlas.** Atlas 1984. Activities 1985. Grade 7-12. Atlas -- Simon and Schuster, 1230 Avenue of the Americas, New York, NY 10020, Activities Center for Teaching International Relations Press, University of Denver, Denver, CO 80208. Price: $10.95, atlas; $15.95, activities.

These materials provide an essential resource for every teacher who addresses contemporary world issues. The Atlas contains not only traditional maps, but also maps which use relative size to demonstrate data on a wide range of topics. Comparative information graphically illustrated is provided on military expansionism, natural resources, nuclear power, religion, women in the labor force, and a variety of other issues. Print quality is excellent. Short supplementary narratives provide summaries of the information contained in each of the 57 maps. The supporting activities book by CTIR is organized to facilitate either area studies or the study of global issues. These include human rights, workers, income desparity, refugees, conflict, the arms race, and environment. The final section is a skill-development unit which can be integrated into the other sections. Each activity has an introduction, a statement of objectives, and suggestions for appropriate grade level, time required, materials and procedures. Instructional strategies include research, large and small-group work, writing, simulations, discussion, and worksheets.

Atlas. 1986. Grade 6-10. Rand McNally, P.O. Box 7600, Chicago, Illinois 60680. Price: $2.94, paperback; $14.94, Exploring Geography: Using the Atlas.

The Atlas aids in the teaching of regional geography, beginning with geographical terms to developing an understanding of basic geographical concepts. Includes over 2000 places of geographical and historical significance. Combined with the Atlas is Exploring Geography: Using the Atlas. A series of activities prepared as black line masters is included in the support material.

Rand McNally Goode's World Atlas. 1986. Grade 7-College. Rand McNally, P.O. Box 7600, Chicago, Illinois 60680. Price: $12.75, hardbound; $9.96, paperback.

The Goode's World Atlas is a comprehensive source book containing maps on environmental hazards, ethnic minorities, transportation networks, and political changes throughout the world. It provides a means for the careful examination of the relationships between people and their natural and cultural environments. The maps in the atlas represent different regions of the world at the sam scale which enhances their usefulness for comparisons.

The Third World: Middle East. 1984. Grade 9-12. Dushkin Publishing Group, Inc., Sluice Dock, Guilford Connecticut 06437. Price: $4.95.

Unlike many area studies books which attempt the futile task of trying to cover the entire social science background of their areas, Middle East adopts a sensible and more-manageable approach. The initial chapter identifies key themes which have influenced the Middle East for centuries. the impact of geography, the role of religion, the concept of a "crossroads" area, farmer/trader conflicts, a cultural melting pot, and the role of military technology are briefly examined as long-term themes. In addition to reviewing factors which operate for extensive periods, the text also considers short-term issues. These include the impact of Middle Eastern empires and the West and the rise of trade technology and new ideas. In order to exemplify the operation of th permanent and changing factors, the author examines the historical development of five Middle Eastern groups: the Copts, Shia Moslems, Jews, Armenians, and Palestinians.

World Atlas. 1985. Grade 7-12. Scott, Foresman, 1900 East Lake Avenue, Glenview, Illinois 60025. Price: $5.46, plus postage and handling.

Although extremely well illustrated, this is a fairly standard world atlas. The initial section provides information about the world in general which subsequent sections focus upon North America, South America, Europe, the Soviet Union, Asia, Africa, Australia and Oceania, and the polar regions. It includes information about climate, natural resources, topography, population, political boundaries, agriculture, transportation, vegetation, and energy consumption and production. While the maps are colorful and attractive and the pictures and graphs are used appropriately, some useful demographic data might be added.

The World Bank Atlas 1985. 1985. Grade 7-12. The World Bank, 1818 H. Street, N.W., Washington, D.C. 20433. Price: $3.50.

These materials provide a wide range of data which students can use when studying world regions. The maps and accompanying statistical data are most

appropriate for geography or world history/cultures students in grades 7-12. The atlas includes color-coded maps, scatter diagrams, graphs, and statistical tables containing the following data:

1. Gross National Product (1982 and 1983)
2. Population (1982 and 1983)
3. GNP growth rate between 1973 and 1982
4. GNP per capita growth rate between 1973 and 1982
5. Population growth rate between 1973 and 1982
6. GNP per capita growth rate between 1973 and 1982
7. Life expectancy at birth (1970 and 1982)
8. Infant mortality rates (1970 and 1982)
9. Primary school enrollment (1970 and 1982)

Of special interest are world maps drawn to scale on the basis of GNP and population. While the paper and color are of high quality, the small print size necessitated by trying to include data from all countries may pose readability problems for some students.

AUDIO VISUAL

Japan: Technology and Tradition. 1984. Grade 4-8. Society for Visual Education, Inc., Department VE, 1345 Diversey Parkway, Chicago, Illinois 60614. Price: $149.00, 4 filmstrips/cassettes, teacher's guide in loose leaf notebook.

The series portrays modern Japan as a mixture of East and West. Separate filmstrips examine geography and climate; social customs, educational systems, and recreation of the Japanese; Japan's economy; and Japan's history. The teacher's guide contains student "skill boosters" and a variety of activities.

The 1986 NCGE/GPN Slide Collection. 1986. Grade 6-12. National Council for Geographic Education, Western Illinois University, Macomb, Illinois 61455. Price: Varies from $25.00 to $60.00 per set, depending upon the number of slides. A total of 89 slide sets are organized into seven world wide regional categories. Each set includes a three ring binder of clear plastic for storage of the slides and instructive annotations for each slide.

The slide sets were photographed and the scripts were written by widely traveled professional geographers. The regional focus of many slide sets is complemented by an issues focus. Traditional and modern aspects of the cultural geography of regions are presented. The slides are highly usable, informative, and organized in a sequence which provides interesting and meaningful visuals for instruction.

Using Maps, Globes, Graphs, Tables, Charts. 1984. Grade 4-9. United Learning, 6633 West Howard Street, Niles, Illinois 60648. Price: $155.00, 5 filmstrips, 5 audio cassettes, 1 teacher's guide, 40 blackline masters.

The purpose of this sound filmstrip package is to build students' map, globe, and statistical analysis skills. Unit 1, "Understanding Globes," focuses on definition, scale, hemispheres, latitude, longitude, and time zones. Unit 2, "Understanding Maps," covers map-glob comparison, projections, and special purpose maps. Unit 3, "Using Maps," includes keys, road maps, grids, and latitude and longitude maps. Unit 4, "Graphs," focuses on bar, line, pie, and picture graphs while the final unit builds skills in reading tables, charts, and

diagrams. Activity sheets accompany each unit and are designed to be integrated with filmstrip viewing. Ample student activities, class discussion topics, and enhancement project ideas are provided.

Water's Edge, The: Life Along The Great Rivers. 1985. Grade 5-12. National Geographic Society, 17th and M Streets, N.W., Washington, D.C. 20036. Price: $84.95, 3 filmstrips with accompanying audio cassette and teacher's guides.

This series explores ways of life along the Amazon, the Mississippi, and the Nile. The focus of each filmstrip is on how the river influences the way people and animals live along its banks.

World Bank Film Library. 1984. Grade 7-12. World Bank Film Library, 1818 H. Street, N.W., Washington, D.C. 20433. Price: $10 each rental (request must be made on school stationery or school purchase order); $25.00, non school viewers, free teacher's guide, 6 videocassettes, 10-28 minutes.

Titles in this World Bank series are "Rivers of Life" (Bangladesh), "The Neighborhood of Coehlos" (Brazil), "A Day in Shrishnagar" (India), "Dandora" (Kenya), "Seeds of Progress" (Mexico), and "A Plague Upone the Land" (West Africa). The films generally portray how World Bank Programs work toward alleviating poverty and disease in those developing countries. The films are set in both urban and rural environments. "Seeds of Progress," "A Plague Upon the Land," and "The Neighborhood of Coehols" are also available in Spanish. Accompanying teacher's guides provide a summary, suggested uses for the film, suggested teaching activities, vocabulary, discussion questions, and a map for the area portrayed.

COMPUTER SOFTWARE

The Educational Software Selector (TESS). 1986. Grade K-12. EIPE Institute, P.O. Box 839-L Water Mill, NY 11976. Price: $54.00.

The Educational Software Selector Exchange (EPIE) Insitute, is a non-profit educational consumer agency. TESS'86 summarizes more than 6500 educational software programs in more than 100 subject areas. These summaries are all in one volume. Approximately 135 geography software, map skills, thinking skills, and geography related programs are listed. Information about the type of software, its uses, a brief description, microcomputers it operates on, number of disks and other accessories, and the supplier are provided.

TEACHER RESOURCES

DATABOOK, 1986. Grade K-12. Social Science Education Consortium, 855 Broadway, Boulder, CO 80302. (303/492-8154). Price: $10.00 plus 10% additional postage.

The DATABOOK is a valuable reference for school personnel selecting social studies programs. Each year publishers add new titles and the DATABOOK provides an answer to such questions as: What materials are available? How much do they cost? How long does it take to use them? The objective of the DATABOOK is to provide analyses of curriculum materials that allow teachers to select materials which are appropriate to their students, school, and community on the basis of

grade level, subject area, underlying philosophy, goals, strategies, structure, content innovation, and merit. The annual volume normally lists a wide selection of materials related to geography.

LATIN AMERICA: CASE STUDIES. 1984. Advanced placement and college level. Kendall/Hunt, 2460 Kerper Boulevard, Dubuque, Iowa 52001.

This scholarly publication is a collection of papers delivered in 1979 at a meeting in Mexico City of the National Council for Geographic Education. The limited focus of many of the papers requires that users have a sophisticated understanding of Latin America. Therefore, this material would be most appropriate at the college level or in an advance-placement course. The statistical appendix contains a wealth of information about demographics, social characteristics, GNP, industry, agriculture, transportation, communications, trade, mining, exports, taxation, governmental expenditures, foreign debt, labor, inflation, land ownership patterns, natural resources, and geographic features.

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